

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	8	l6 and 370/310,328,347.ccls.	US-PGPUB; USPAT	ADJ	ON	2011/04/05 09:54
L7	4	L6 and 375/276,299,346-347.ccls.	US-PGPUB; USPAT	ADJ	ON	2011/04/05 09:54
L6	104	pilot with (channel near3 estimat\$) and (random access with channel or RACH) and (beam-steer\$ or steer\$4 or SIMO or spatial process\$4) and (forward or broadcast\$4 or downlink) with channel same (random access with channel or RACH) and (beam-steer\$ or steer\$4 or SIMO or spatial process\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/05 09:54
L12	35	(L11 or L10) and 370/310,328,347.ccls.	US-PGPUB; USPAT	ADJ	ON	2011/04/05 09:55
L11	138	(random access with channel or RACH) same (uplink or reverse) and (pilot) same channel with estimat\$ and schedul\$ same (forward or downlink) with control with channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/05 09:55
L10	393	pilot with channel with estimat\$ and (RACH or random access channel) same request\$4	US-PGPUB; USPAT	ADJ	ON	2011/04/05 09:55
L9	30	pilot with (broadcast\$4 or channel with estimat\$4) and (random access with channel or RACH) same (SIMO or beam\$4 with steer\$ or beam-steer\$) same (rate or spatial or antennas or output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/05 09:55

L13	28	pilot with (broadcast\$4 or channel with estimat\$4) and (random access with channel or RACH) same (SIMO or beam\$4 with steer \$ or beam-steer\$) same (rate or spatial or antennas or output) and (random access with channel or RACH) with (request\$ )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/05 09:57
L19	25	pilot with estimat\$ same (forward or downlink or Random) with channel and L18 and @ad<="20031030"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/05 10:11
L18	692	(L14 or L15 or L16 or L17)	US-PGPUB; USPAT	ADJ	ON	2011/04/05 10:11
L17	356	((STEVEN) near2 (HOWARD)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/04/05 10:11
L16	178	((JOHN) near2 (KETCHUM)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/04/05 10:11
L15	293	((MARK) near2 (WALLACE)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/04/05 10:11
L14	192	((J) near2 (WALTON)).INV.	US-PGPUB; USPAT	ADJ	ON	2011/04/05 10:11
L20	16	pilot with estimat\$ same (forward or downlink or Random) with channel and (random access with channel or RACH) same (SIMO or beam\$4 with steer \$ or beam-steer\$ or request \$ ) and l18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/05 10:18

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	pilot with (broadcast\$4 or channel with estimat \$4) same (forward or downlink or downstream or uplink) same (random access with channel or RACH) same (beam\$ or steer \$4 or vector or eigen\$)	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/04/05 09:24

L2	0	pilot with (broadcast\$4 or channel with estimat\$4) same (forward or downlink or downstream or uplink) same (random access with channel or RACH) same (beam\$ with steer\$4)	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/04/05 09:50
L3	6	pilot with (broadcast\$4 or channel with estimat\$4) same (forward or downlink or downstream or uplink) same (random access with channel or RACH) and (random access with channel or RACH) same (SIMO or beam\$4 with steer\$ or beam-steer\$)	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/04/05 09:51
L4	6	pilot with (broadcast\$4 or channel with estimat\$4) same (forward or downlink or downstream or uplink) same (random access with channel or RACH) and (random access with channel or RACH) same (SIMO or beam\$4 with steer\$ or beam-steer\$) same (rate or spatial or antennas or output)	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/04/05 09:52
L5	30	pilot with (broadcast\$4 or channel with estimat\$4) and (random access with channel or RACH) same (SIMO or beam\$4 with steer\$ or beam-steer\$) same (rate or spatial or antennas or output)	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/04/05 09:53

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